

METHOD AND APPARATUS FOR INTERPOSING KERNEL SYMBOLS

Abstract

A method for loading a kernel module, involving loading a preload module into a kernel, wherein loading the preload module comprises creating a dynamic dependency list, loading the kernel module comprising a static dependency list into the kernel, triggering a hook when the static dependency list is reviewed, obtaining module information associated with the kernel module using the hook, searching for a dynamic dependency associated with the kernel module in the dynamic dependency list using the module information, and updating the static dependency list with the dynamic dependency to obtain an updated static dependency list if the dynamic dependency associated with the kernel module is present in the dynamic dependency list.

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